

ISO/TC 172/SC 7 N

Date: 2011-04-29

ISO/DIS 10685-1

ISO/TC 172/SC 7/WG 8

Secretariat: DIN

Ophthalmic optics — Spectacle frames and sunglasses electronic catalogue and identification — Part 1: Product identification and electronic catalogue product hierarchy)

Optique ophtalmique — Identification des montures de lunettes et catalogues électroniques — Partie 1: Identification des montures de lunettes et catalogues électroniques

Warning

This document is not an ISO International Standard. It is distributed for review and comment. It is subject to change without notice and may not be referred to as an International Standard.

Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Copyright notice

This ISO document is a working draft or committee draft and is copyright-protected by ISO. While the reproduction of working drafts or committee drafts in any form for use by participants in the ISO standards development process is permitted without prior permission from ISO, neither this document nor any extract from it may be reproduced, stored or transmitted in any form for any other purpose without prior written permission from ISO.

Requests for permission to reproduce this document for the purpose of selling it should be addressed as shown below or to ISO's member body in the country of the requester:

[Indicate the full address, telephone number, fax number, telex number, and electronic mail address, as appropriate, of the Copyright Manager of the ISO member body responsible for the secretariat of the TC or SC within the framework of which the working document has been prepared.]

Reproduction for sales purposes may be subject to royalty payments or a licensing agreement.

Violators may be prosecuted.

Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Symbols (and abbreviated terms).....	1
5 Frame identifier structure	2
5.1 GTIN-14.....	2
5.1.1 Logistics code	2
5.1.2 Country code	2
5.1.3 Brand/license owner code (Company Prefix)	2
5.1.4 Product code.....	2
5.2 Rules of application	2
5.2.1 General rules.....	2
5.2.2 Responsibility	3
5.2.3 Re-use of a GTIN-14	3
5.2.4 Brand/License ownership changes	4
6 Identification data for frames item catalogue.....	4
7 Marking.....	6
7.1 Barcode	6
Annex A (normative) Field descriptions.....	7
Annex B (normative) Electronic Frame Catalogue Schema (Identification Section).....	10
Annex C (informative) Electronic Frame Catalogue XML Sample (Identification Section)	11

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 10685-1 was prepared by Technical Committee ISO/TC 172, *Optics and photonics*, Subcommittee SC 7, *Ophthalmic optics and instruments*.

ISO 10685 consists of the following parts, under the general title *Ophthalmic optics — Spectacle frames electronic catalogue and identification*:

- *Part 1: Product identification and electronic catalogue product hierarchy*
- *Part 2: Commercial information*
- *Part 3: Technical Information*

Ophthalmic optics — Spectacle frames and sunglasses electronic catalogue and identification — Part 1: Product identification and electronic catalogue product hierarchy

1 Scope

The scope of this document is:

1. to define rules and requirements for the definition of a unique identifier for spectacle frames and sunglass frames
2. to define data information and file format used for identifying spectacle frames and sunglass frames.

Note: Scope includes sunglass clip-ons.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 8624, *Ophthalmic optics — Spectacle frames — Measuring system and terminology*

ISO 12870, *Ophthalmic optics — Spectacle frames — General requirements and test methods*

ISO 4217, *Currency and funds name and code elements*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

Brand/license owner

company owning or licensed for a brand name

4 Symbols (and abbreviated terms)

GS1

GS1 is a global organization dedicated to the design and implementation of global standards and solutions to improve the efficiency and visibility of supply and demand chains globally and across sectors.

GTIN™

The Global Trade Item Number™ (GTIN™) is used for the unique identification of trade items worldwide.

5 Frame identifier structure

5.1 GTIN-14

For the use of this standard, GTIN data exchange requires the use of 14 digits. In databases it is recommended to manage a 14 digit field to comply with the identification of logistical units in the future.

The GTIN-14 standard is defined as the unique fourteen (14) digit identifier for items, it will include in sequence the following:

5.1.1 Indicator digit

The indicator digit is a one (1) digit logistical code. For the purpose of this standard, it is always set to zero (0). Future use of this indicator code may identify groupings of trade items according to GS1 standards.

5.1.2 Country code

The country code corresponding to GS1 regional organization of which the brand/license owner is member.

5.1.3 Brand/license owner code (Company Prefix)

The brand/license owner code is a code allocated to the brand owner by the GS1 regional organization of which the brand owner is member .

5.1.4 Product code

Product codes are unique numbers. The value for product code is arbitrary and is at the discretion of the brand/license owner.

5.2 Rules of application

5.2.1 General rules

5.2.1.1 Spectacle frames

A separate unique GTIN-14 is required whenever any of the basic characteristics of a frame are different in any way.

Basic characteristics of a spectacle frame are defined in Table 1.

Table 1 — Basic characteristics of a spectacle frame

Characteristic
Brand
Collection
Model
Colour
asize
dsize
lsize

NOTE A brand/license owner may decide to assign a separate GTIN-14 number in case any other physical or logistical characteristic of a spectacle frame is different (i.e. lens shape, frame material, etc.)

5.2.1.2 Sunglass Frames

A separate unique GTIN-14 is required whenever any of the basic characteristics of sunglass frames are different in any way.

Basic characteristics of a sunglass frames are defined in Table 2.

Table 2 — Basic characteristics of a sunglass frames

Characteristic
Brand
Collection
Model
Colour
asize
dsize
lsize
Lens

NOTE A brand/license owner may decide to assign a separate GTIN-14 number in case any other physical or logistical characteristic of a sunglass frame is different (i.e. lens shape, frame material, etc.)

5.2.2 Responsibility

The Brand/License Owner, the organization that owns the specifications of the frame regardless of where and by whom it is manufactured, is responsible for the allocation of the GTIN-14. On joining a GS1 Member Organization, the member receives a GS1 Company Prefix which is for the sole use of the company to which it is assigned. The Company Prefix may not be sold, leased or given, in whole or in part, for use by any other company.

The Brand/License Owner may be:

- The manufacturer or supplier: the company manufactures the frame or has it manufactured, in any country, and sells it under its own brand name
- The importer or wholesaler: the importer or wholesaler has the frame manufactured, in any country, and sells it under its own brand name or the importer or wholesaler changes the trade item (for example by modifying the packaging of the trade item).
- The retailer: the retailer has the frame manufactured, in any country, and sells it under its own brand.

5.2.3 Re-use of a GTIN-14

In no instances shall a code which has been assigned to a product be re-used at a later stage.

5.2.4 Brand/License ownership changes

5.2.4.1 Acquisitions & Mergers

For the company being acquired, existing stocks on hand which are numbered before the acquisition or merger, keep the same GTIN-14. Products that are produced after the acquisition or merger may keep the GTIN-14 allocated before the acquisition if the acquiring company maintains the GS1 membership.

A merger implies that someone has taken over a company and has assumed responsibility for the company's GS1 Company Prefix, as well as, their assets and locations. Products that the acquired company produced under its GS1 Company Prefix can still be produced using the same prefix after the merger, since the acquiring company has full control.

If it so desires, the acquiring company can label all acquired products using their existing GS1 Company Prefix. The importance of ensuring trading partners are informed of any changes, in a timely manner, cannot be overemphasized. A company should be careful when centralizing the allocation of all numbers under one GS1 Company Prefix as it results in additional work and data file maintenance for customers.

5.2.4.2 Partial Purchase

If a company purchases a division of a company whose GS1 Company Prefix is used in divisions not purchased, then the acquiring company must change the GTIN-14 in the purchased division within one year. The rules concerning the use of the seller's GTIN-14s, and other GS1 Identification Keys, should be taken into consideration when drawing up the purchase contract.

At the earliest opportunity, the buyer should phase in new numbers, from its own range of numbers, for items whose brand name it has acquired. The buyer will be able to do this, for example, when packaging is redesigned or reprinted.

During a company sale, and for four years following, the selling company must not reallocate the original numbers to other items.

5.2.4.3 Split or Spin-Off

When a company splits into two or more separate companies it is necessary for each GS1 Company Prefix assigned to the original company to be transferred to only one of the new companies. Any company left without a GS1 Company Prefix will need to apply to a GS1 Member Organization. The decision about which of the new companies should take the original GS1 Company Prefixes should be made in such a way as to minimize the number of additional GTIN-14s required. The decision should be part of the legal arrangements of the new companies.

It is not necessary for existing stocks of items to be renumbered. However, when any of the split or spin-off companies has trade items that are numbered with a GS1 Company Prefix that it no longer holds, the company should renumber those items using its own GS1 Company Prefix when new labelling or packaging is produced. Customers should be notified well in advance of the changes.

Split or spin-off companies that retain a GS1 Company Prefix must keep a record of the GTIN-14s created that have been allocated to items they no longer own. They must not re-use these GTIN-14s. Therefore, the company that did not retain the GS1 Company Prefix has to keep the company that now maintains it informed of the dates on which goods were last supplied using that GS1 Company Prefix or to guarantee a date by which the number change will be made.

6 Identification data for frames item catalogue

The following tables define the fields used to identify the Electronic Frame Item Catalogue (table 3) and an item within a frame catalogue (table 4 and 5). Additional information and examples are available in Annex A.

- The "name" column defines the tag and attribute names within the XML file (see Annex B for schema definition)
- The "O/M" column indicates whether a field is optional (O) or mandatory (M)

- The “format” column indicates the data type ex: TEXT
- The “length” column indicates the field character length
- The “description” column is the description of the field.

Table 3 — Identification of an Electronic Frame Item Catalogue

NAME	O/M	FORMAT	LENGTH	DESCRIPTION
Test	M	BOOLEAN	1	IDENTIFIES TEST CATALOGUE
Cdate	M	DATETIME	25	CATALOGUE DATE AND TIME
Cvers	M	TEXT	Max 25	CATALOGUE VERSION
Sendcode	M	TEXT	Max 40	LEGAL NAME OF THE CATALOGUE PROVIDER
Sendname	O	TEXT	Max 40	CONTACT NAME OF THE CATALOGUE PROVIDER
Senddetails	O	TEXT	Max 200	CONTACT DETAILS OF THE CATALOGUE PROVIDER
Cname	M	TEXT	35	CATALOGUE NAME
Crev	O	TEXT	6	REVISION OF CATALOGUE VERSION
Cid	M	TEXT	16	CATALOGUE IDENTIFIER
Cstartdate	M	DATE	10	CATALOGUE START DATE
Cenddate	O	DATE	10	CATALOGUE END DATE
Supcode	M	TEXT	Max 25	ITEM SUPPLIER CODE
supcodequalifier	M	TEXT	Max 255	URI OF ITEM SUPPLIER CODE REGISTRAR
Supname	M	TEXT	Max 40	ITEM SUPPLIER LEGAL NAME
Reccode	O	TEXT	Max 25	CATALOGUE RECIPIENT CODE
reccodequalifier	O	TEXT	Max 255	URI OF CATALOGUE RECIPIENT CODE REGISTRAR
Recname	O	TEXT	Max 40	CATALOGUE RECIPIENT LEGAL NAME
Currcode	M	TEXT	Max 3	CURRENCY FOR SELLING PRICE

Table 4 — Identification of a Spectacle Frame item within an Electronic Frame Catalogue

NAME	O/M	FORMAT	LENGTH	DESCRIPTION
Gtin14	M	TEXT	14	GTIN
Mancode	M	TEXT	Max 40	MANUFACTURER LEGAL NAME
Downer	O	TEXT	Max 40	DATA OWNER
Pclass	M	TEXT	Max 255	CODE OF THE PRODUCT CLASS THE FRAME ITEM IS BELONGING TO WITHIN THE FRAME CLASSIFICATION
Mcode	M	TEXT	Max 25	MODEL CODE
Mdesc	O	TEXT	Max 25	FRAME ITEM MARKING
Snmb	O	BOOLEAN	1	SERIAL NUMBER
Datastatus	M	TEXT	1	FRAME ITEM DATE STATUS
Dataupdatedate	M	DATETIME	25	FRAME ITEM UPDATE DATE
Bndcod	O	TEXT	Max 3	BRAND CODE
Bnddes	O	TEXT	Max 25	BRAND DESCRIPTION
Collcod	O	TEXT	Max 3	COLLECTION CODE
Colldes	O	TEXT	Max 25	COLLECTION DESCRIPTION
Ccode	O	TEXT	Max 10	CUSTOM CODE
Mcolc	M	TEXT	Max 6	COLOUR CODE
asize	M	INTEGER	Max 3	NOMINAL HORIZONTAL LENS SIZE (MM)
dsize	M	INTEGER	Max 2	NOMINAL DISTANCE BETWEEN LENSES (MM)
lsize	M	INTEGER	Max 3	NOMINAL OVERALL LENGTH OF SIDE

				(MM)
--	--	--	--	------

Table 5 — Identification of a sunglass frame item within an Electronic Frame Catalogue

NAME	O/M	FORMAT	LENGTH	DESCRIPTION
Gtin14	M	TEXT	14	GTIN
Mancode	M	TEXT	Max 40	MANUFACTURER LEGAL NAME
Downer	O	TEXT	Max 40	DATA OWNER
Pclass	M	TEXT	Max 255	CODE OF THE PRODUCT CLASS THE FRAME ITEM IS BELONGING TO WITHIN THE FRAME CLASSIFICATION
Mcode	M	TEXT	Max 25	MODEL CODE
Mdesc	O	TEXT	Max 25	FRAME ITEM MARKING
Snmb	O	BOOLEAN	1	SERIAL NUMBER
Datacreationdate	M	DATE TIME	25	FRAME ITEM CREATION DATE
Dataupdatedate	O	DATE TIME	25	FRAME ITEM UPDATE DATE
Bndcod	O	TEXT	Max 3	BRAND CODE
Bnddes	O	TEXT	Max 25	BRAND DESCRIPTION
Collcod	O	TEXT	Max 3	COLLECTION CODE
Colldes	O	TEXT	Max 25	COLLECTION DESCRIPTION
Ccode	O	TEXT	Max 10	CUSTOM CODE
Mcolc	M	TEXT	Max 6	COLOUR CODE
asize	O	INTEGER	Max 3	NOMINAL HORIZONTAL LENS SIZE (MM)
dsize	O	INTEGER	Max 2	NOMINAL DISTANCE BETWEEN LENSES (MM)
lsize	O	INTEGER	Max 3	NOMINAL OVERALL LENGTH OF SIDE (MM)
Lens	M	TEXT	Max 25	IDENTIFIER OF LENS

For sample XML file, see Annex C

7 Marking

7.1 Barcode

Although product marking is not formally within the scope of this standard, items intended for scanning should be marked with a bar code symbol such as GTIN-12's or GTIN-13's belonging to the EAN/UPC symbology family.

Annex A (normative)

Field descriptions

The following table contains detailed field descriptions and examples for the electronic frame catalogue.

Table 2 — Field of descriptions and examples for the electronic frame catalogue

NAME	EXAMPLE	COMMENTS/CODIFICATION	Additional comments	ebXML Mapping
Test	0		Boolean that indicates if the catalogue is a test file	CatalogueManifestDocument → TestIndicator
Cdate	1997-07-16T19:20:30+01:00	YYYY-MM-DDThh:mm:ss±hh:mm	Date and time of the catalogue generation/distribution	OpticCatalogue → DeliveryDelimitedPeriod
Cvers	000011	Version of the catalogue	Given the detail of the date and time field, it is open to be used by the sender to specify further version detail (e.g. Language)	CatalogueManifestDocument → VersionID
Sendcode	ACME	The catalogue provider could be different from the manufacturer		CatalogueManifestDocument → ProviderOpticParty → ID
Sendname	John Smith	Catalogue provider's Contact name		CatalogueManifestDocument → ProviderOpticParty → SpecifiedOpticTradeContact → PersonName
Sendedetails	512-999-9999	Could be a phone number or an address of the catalogue provider		CatalogueManifestDocument → ProviderOpticParty → specifiedOpticTradeContact → URICUniversalCommunication → CompleteNumber
Cname	FRAMES SPRING 2009	Name of the catalogue		CatalogueManifestDocument → Description OpticCatalogue → Description
Crev	0	The revision of the catalogue if updates have been made		CatalogueManifestDocument → ReleaseID
Cid	1	Catalogue identifier		OpticCatalogue → ID
Cstartdate	2009-04-15	YYYY-MM-DD		OpticCatalogue → ValidityDelimitedPeriod → StartDateTime
Cenddate	2009-12-15	YYYY-MM-DD		OpticCatalogue → ValidityDelimitedPeriod → EndDateTime
Supcode	13424SUP		If a supplier needs to be specified	OpticCatalogue → SupplierOpticParty → ID
Supcodequalifier	13S		Source of the given supplier code	OpticCatalogue → SupplierOpticParty → ID (SchemeID)
Supname	Supplier 123424			OpticCatalogue → SupplierOpticParty → Name
Reccode	A873		If a recipient needs to be specified	CatalogueManifestDocument → ReceiverOpticParty → ID
Reccodequalifier	IRS		Source of the given recipient code	CatalogueManifestDocument → ReceiverOpticParty → ID (SchemeID)
Recname	Customer 873			CatalogueManifestDocument → ReceiverOpticParty → Name
Currcode	EUR	As described by the ISO document: ISO 4217		CatalogueManifestDocument → PrimaryCode (and all CatalogueManifestDocument → SecondaryOpticCurrencyExchange → SourceCode)

Gtin14	12345678901234	GTIN-14 specification from GS1 According to ISO 10685-1, clause 5.1 that defines the use of GTIN-14 in the scope of this file	The field contains either a valid UPC, EAN/13, JAN, or a GTIN-14 number. To obtain a GTIN-14 format from an UPC/12 is obtained by left filling using two leading zeroes. To obtain a GTIN-14 format from an EAN/13 or JAN/13 is obtained by left filling using one leading zero. GTIN-14 means GLOBAL TRADE ITEM NUMBER UPC means UNIVERSAL PRODUCT CODE EAN means EUROPEAN ARTICLE NUMBER JAN means JAPANESE ARTICLE NUMBER	ReferencedOpticProduct → SpecifiedOpticProductIdentification → ID
Mancode	ACME INC	Identifies the Manufacturer, or the distributor when it applies		OpticCatalogue → ManufacturerOpticParty → ID
Downer	ACME INC	Identifies the data owner	In absence of the data owner it is considered that the data owner is the provider of the catalogue.	
Pclass	RimMountSunglassesClass			ReferencedOpticProduct → DesignatedOpticProductClassification → SubClassCode (with ClassCode=FrameClass)
Mcode	ABCD1		Identification of a family of products defined by the manufacturer. Also referred to as the style code.	ReferencedOpticProduct → ModelName
Mdesc	ABCD1 54 BROWN	Refers to ISO 12870, clause 9	Marking of model, size, and colour from the manufacturer (usually on the temple)	ReferencedOpticProduct → Name
Snmb	N	Boolean indicating if an individual item is identified by a serial number	It is an indication the frame has a serial number which is a unique number assigned to the specific piece.	ReferencedOpticProduct → SerialNumberIndicator
Datacreationdate	C	C or M	Indicates if the frame is being created or modified	ApplicableOpticTradeAgreement → ActionCode
Dataupdate date	1997-07-16T19:20:30+01:00	YYYY-MM-DDThh:mm:ss±hh:mm	Date and time the frame item was last updated. In case that if the information is missing in the entire catalogue, it is up to the catalogue receiver to determine which items have been updated.	ContainedOpticCatalogueItem → ApplicableOpticTradeAgreement → LastChangedDateTime
Bndcod	UNK	Brand identification is strongly recommended, even if not enforced. The Brand code should be the one used by the Manufacturer	Manufacturer is to use this to identify a brand.	ReferencedOpticProduct → BrandID
Bnddes	UNK BRAND	It is the description of BRAND CODE	Manufacturer describing the brand of the frame.	ReferencedOpticProduct → BrandName
Collcod	1	There could be one or several collections per brand. It is a further classification of the frame based on an optional field.	Manufacturer code to define subset of brands.	ReferencedOpticProduct → SubBrandID
Colldes	OPTICAL	It is the description of COLLECTION CODE	Describes the sub-set brand in text or numeric format.	ReferencedOpticProduct → SubBrandName
Ccode	900311	Harmonized Commodity Code	Given the Harmonized Commodity Description and Coding System (HS) this is the appropriate code for the frame	ReferencedOpticProduct → DesignatedOpticProductClassification → ApplicableOpticProductCharacteristic
Mcolc	2259	It identifies the colour for the given model/style		ReferencedOpticProduct → ColorCode

Table A.1 Field of descriptions and examples for the electronic frame catalogue (continued)

NAME	EXAMPLE	COMMENTS/CODIFICATION	Additional comments	ebXML Mapping
asize	50	As described by the ISO documents: ISO 8624	distance between the vertical sides of the rectangular box which circumscribes the lens shape	ReferencedOpticProduct → DesignatedOpticProductClassification → ApplicableOpticProductCharacteristic
dsize	16	As described by the ISO documents: ISO 8624	horizontal distance between the nasal vertical sides of the rectangular boxes which circumscribe the right and left lens shapes	ReferencedOpticProduct → DesignatedOpticProductClassification → ApplicableOpticProductCharacteristic
lsize	135	As described by the ISO documents: ISO 8624	length from the intersection of the dowel screw's axis with the median plane of the joint to the end of the side and parallel to the centerline of it, the drop having been straightened	ReferencedOpticProduct → DesignatedOpticProductClassification → ApplicableOpticProductCharacteristic
Lens	POLARGREY	Some lens code or id to describe the lens provided with plano sunglasses		ReferencedOpticProduct → DesignatedOpticProductClassification → ApplicableOpticProductCharacteristic

Annex B
(normative)

**Electronic Frame Catalogue Schema, normative reference and
classification (Identification Section)**

The schema supporting the catalogue, normative references, and classifications can be found on the following websites:

<http://www.edi-optique.org/standard/>

http://www.thevisioncouncil.org/members/content_255.cfm?navID=457

<http://www.anfao.it/>

END

Annex C (informative)

Electronic Frame Catalogue XML Sample (Identification Section)

```

<?xml version="1.0" encoding="UTF-8"?>
<!--Sample XML file for ISO 10685-->
<ocm:CatalogueManifest xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:ocm="urn:edi:optique:data:standard:CatalogueManifest:1"
xmlns:oram="urn:edi:optique:data:standard:OpticReusableAggregateBusinessInformationEntity:1"
xsi:schemaLocation="urn:edi:optique:data:standard:CatalogueManifest:1 http://www.edi-
optique.org/standard/ediopic/data/standard/CatalogueManifest_1p1p0.xsd">
  <ocm:CatalogueManifestDocument>
    <oram:TestIndicator>false</oram:TestIndicator>
    <oram:Description languageID="en">FRAMES SPRING 2011</oram:Description>
    <oram:VersionID>000011</oram:VersionID>
    <oram:ReleaseID>0</oram:ReleaseID>
    <oram:RequestReferenceID/>
    <oram:ProviderOpticParty>
      <oram:ID schemeID="ZZY" schemeDataURI="http://www.edi-
optique.org/standard/ediopic/codelist/standard/OpticPartyIdentificationCode-1.1.gc">ACME</oram:ID>
      <oram:Name>ACME INC</oram:Name>
      <oram:DefinedOpticTradeContact>
        <oram:PersonName>John Smith</oram:PersonName>
        <oram:TelephoneCIUniversalCommunication>
          <oram:CompleteNumber>512-999-9999</oram:CompleteNumber>
        </oram:TelephoneCIUniversalCommunication>
      </oram:DefinedOpticTradeContact>
    </oram:ProviderOpticParty>
    <oram:ReceiverOpticParty>
      <oram:ID schemeID="IRS">A873</oram:ID>
      <oram:Name>Customer 873</oram:Name>
    </oram:ReceiverOpticParty>
    <oram:PrimaryCode listID="ISO 4217 3A" listVersionID="2007-06-18">EUR</oram:PrimaryCode>
  </ocm:CatalogueManifestDocument>
  <ocm:OpticCatalogue>
    <oram:ID>1</oram:ID>
    <oram:Description languageID="en">FRAME SPRING 2009</oram:Description>
    <oram:ValidityDelimitedPeriod>
      <oram:StartDateTime>2009-04-15T09:30:47Z</oram:StartDateTime>
      <oram:EndDateTime>2009-12-15T09:30:47Z</oram:EndDateTime>
    </oram:ValidityDelimitedPeriod>
    <oram:StatusCode>1</oram:StatusCode>
    <oram:SupplierOpticParty>
      <oram:ID schemeID="13S">123424</oram:ID>
      <oram:Name>Supplier 123424</oram:Name>
    </oram:SupplierOpticParty>
    <oram:DeliveryDelimitedPeriod>
      <oram:StartDateTime>2001-12-17T09:30:47Z</oram:StartDateTime>
    </oram:DeliveryDelimitedPeriod>
    <oram:HistorizationStartDate>2009-01-01</oram:HistorizationStartDate>
    <oram:ManufacturerOpticParty>
      <oram:ID schemeID="ZZY" schemeDataURI="http://www.edi-
optique.org/standard/ediopic/codelist/standard/OpticPartyIdentificationCode-1.1.gc">ACME</oram:ID>
      <oram:Name>ACME INC</oram:Name>
    </oram:ManufacturerOpticParty>
  </ocm:OpticCatalogue>
</ocm:CatalogueManifest>

```

```

</oram:ManufacturerOpticParty>
<oram:ContainedOpticCatalogueItem>
  <oram:ID>101</oram:ID>
  <oram:ActionCode>1</oram:ActionCode>
  <oram:LastChangedDateTime>2001-12-17T09:30:47Z</oram:LastChangedDateTime>
  <oram:MultimediaPresentationPicture>
    <oram:DigitalImageBinaryObject uri="ftp://xyz.com"/>
  </oram:MultimediaPresentationPicture>
  <oram:ApplicableOpticTradeAgreement>
    <oram:ProductOrderingDelimitedPeriod>
      <oram:StartDateTime>2001-12-17T09:30:47Z</oram:StartDateTime>
      <oram:EndDateTime>2001-12-17T09:30:47Z</oram:EndDateTime>
    </oram:ProductOrderingDelimitedPeriod>
    <oram:SpecifiedOpticPriceInformation>
      <oram:AssignedOpticPrice>
        <oram:ChargeAmount>50.0</oram:ChargeAmount>
        <oram:TypeCode>AAA</oram:TypeCode>
      </oram:AssignedOpticPrice>
      <oram:AssignedOpticPrice>
        <oram:ChargeAmount>50.0</oram:ChargeAmount>
        <oram:TypeCode>AAD</oram:TypeCode>
      </oram:AssignedOpticPrice>
      <oram:ValidityDelimitedPeriod>
        <oram:StartDateTime>2001-12-17T09:30:47Z</oram:StartDateTime>
        <oram:EndDateTime>2001-12-17T09:30:47Z</oram:EndDateTime>
      </oram:ValidityDelimitedPeriod>
    </oram:SpecifiedOpticPriceInformation>
    <oram:ActionCode>1</oram:ActionCode>
    <oram:LastChangedDateTime>1997-07-16T19:20:30+01:00</oram:LastChangedDateTime>
  </oram:ApplicableOpticTradeAgreement>
  <oram:ReferencedOpticProduct>
    <oram:SpecifiedOpticProductIdentification>
      <oram:ID schemeID="GTIN">12345678901234</oram:ID>
    </oram:SpecifiedOpticProductIdentification>
    <oram:Name languageID="en">ABCD1 54 BROWN</oram:Name>
    <oram:ColorCode>2259</oram:ColorCode>
    <oram:ColorDescription>WHITE TRANSPARENT</oram:ColorDescription>
    <oram:ApplicableOpticCENRestriction>
      <oram:ID>2</oram:ID>
      <oram:CategoryID>2</oram:CategoryID>
    </oram:ApplicableOpticCENRestriction>
    <oram:DesignatedOpticProductClassification>
      <oram:ClassCode listURI="http://www.edi-
optique.org/standard/ediopic/codelist/standard/OpticClassifications_v1.0r09.xml" listAgencyName="Association EDI
Optique" listName="OpticClassifications" listVersionID="1.0r09" listSchemeURI="http://www.edi-
optique.org/standard/ediopic/data/standard/OpticClassifications_v1.0r06.xsd">FrameClass</oram:ClassCode>
      <oram:SubClassCode>RimMountSunglassClass</oram:SubClassCode>

    <!--===== Identification section =====>
    <oram:ApplicableOpticProductCharacteristic>
      <oram:ID>977</oram:ID>
      <oram:CharacteristicTypeCode>Text</oram:CharacteristicTypeCode>
      <oram:Description languageID="en">Custom code</oram:Description>
      <oram:ValueText>900311</oram:ValueText>
    </oram:ApplicableOpticProductCharacteristic>
    <oram:ApplicableOpticProductCharacteristic>
      <oram:ID>482</oram:ID>
      <oram:CharacteristicTypeCode>Measure</oram:CharacteristicTypeCode>
      <oram:Description languageID="en">Nominal horizontal lens size</oram:Description>
      <oram:ValueMeasure>50</oram:ValueMeasure>

```



```

        </oram:ApplicableOpticProductCharacteristic>
        <oram:ApplicableOpticProductCharacteristic>
            <oram:ID>518</oram:ID>
            <oram:CharacteristicTypeCode>Measure</oram:CharacteristicTypeCode>
            <oram:Description languageID="en">Nominal distance between
lenses</oram:Description>
            <oram:ValueMeasure>16</oram:ValueMeasure>
        </oram:ApplicableOpticProductCharacteristic>
        <oram:ApplicableOpticProductCharacteristic>
            <oram:ID>485</oram:ID>
            <oram:CharacteristicTypeCode>Measure</oram:CharacteristicTypeCode>
            <oram:Description languageID="en">Nominal overall length of side</oram:Description>
            <oram:ValueMeasure>135</oram:ValueMeasure>
        </oram:ApplicableOpticProductCharacteristic>
    </oram:DesignatedOpticProductClassification>
</oram:ReferencedOpticProduct>
</oram:ContainedOpticCatalogueItem>
</ocm:OpticCatalogue>
</ocm:CatalogueManifest>END

```